

H:A

Notice of Allowability	Application No.	Applicant(s)	
	10/699,963	MONTENA, NOAH	
	Examiner	Art Unit	
	Lucy Thomas	2836	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After Final Amendments filed on April 24, 2006.
2. ☒ The allowed claim(s) is/are 1-4, 6-7, 12-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <p>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____</p> <p>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</p> | <p>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date <u>attached</u>.</p> <p>7. <input type="checkbox"/> Examiner's Amendment/Comment</p> <p>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> <p>9. <input type="checkbox"/> Other _____.</p> |
|--|--|

Examiner's Statement of Reasons for Allowance

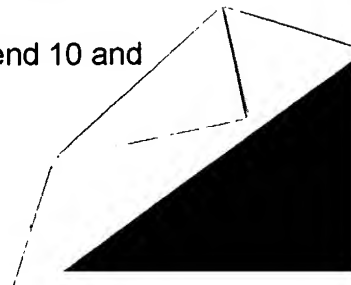
Discussion of Prior Art

1. The following is a statement of reasons for allowance for Claims 1 and 6:

Regarding Claim 1, Chaudhry US 5,724,220 discloses a high voltage protection device (Figures 24-29) that includes a coaxial cable having a central conductor, an outer conductor concentrically positioned in surrounding relation thereto, and a dielectric layer disposed between the central and outer conductors, said surge protection device comprising: a housing 402 having an input end and a body portion that defines an internal cavity; and an electrical component 400 positioned entirely within the said cavity; and an electrically conductive surge protective element 414,416 (Figure 24-25) and 414,430 (Figure 26-29) positioned between said input end and said electrical component, and in electrically operative communication with said body portion, wherein the surge protective element is a semicircular ring and a portion of said ring is in physical and electrical contact with a shoulder formed within the said body of said housing (Column 12, lines 39-67). Chaudhry fails to disclose that the protective element is a ring, and that the ring is configured to surround and not to make physical contact with a conductive pin included within the electrical component.

Volkenau 3,883,774 discloses a ring protective element 9 (Figures 1-2). Volkenau does not disclose that the ring is configured to surround and not to make physical contact with a conductive pin included within the electrical component.

Holland US 4,456,800 discloses a protective device (see Figures 1, 3-4) for dissipating electrostatic discharge comprising a housing 16 having an input end 10 and



a body portion that defines an internal cavity (see body portion and cavity of 16); an electrical component 18 positioned entirely within the cavity; and an electrically conductive surge protective element (see 24, 26 in Figure 3) positioned between the input end and the electrical component, wherein the surge protective element is a ring, and where the ring is configured to surround and not to make physical contact with a conductive pin 28 included within the electrical component. Holland does not disclose the electrically conductive surge protective element in electrically operative communication with the body portion and a portion of the ring in physical and electrical contact with a shoulder formed within the body portion of the housing. This limitation, in combination with the other recited elements, is not disclosed by the Prior Art of Record. Claims 2-4 depend on Claim 1.

Regarding Claim 6, Chaudhry US 5,724,220 discloses a method for providing an alternate path to ground of a high voltage surge carried by a coaxial cable, prior to the surge passing through a coaxial cable connector (Figure 3) having an input end, a body portion 38 defining an internal cavity, a electrical component 10 positioned within the cavity, and an input pin 16 extending forward from the electrical component 10 toward the input end and electrically connected to the center conductor of the coaxial cable, said method comprising the steps of: positioning an electrically conductive ring shaped surge protective element 414,430 (Figures 26-27, which shows an embodiment similar to the one shown Figure 3 with the addition of elements 414,430. Figure 3 is relied upon to clearly show the body portion with an internal cavity common to both embodiments) entirely within said cavity and physically and electrically connected to

said body portion 38 of said connector; and maintaining an air gap of predetermined size between said surge protective element 414, 430 and said input pin 406 (Column 12, lines 39-55). Chaudhry does not disclose that the ring-shaped surge protective element is configured to surround and not to make physical contact with an input pin.

Holland US 4,456,800 discloses a method of dissipating electrostatic discharge by positioning an electrically conductive ring-shaped surge protective element (see 24, 26 in Figure 3) entirely within a cavity of a body portion (see 16 in Figure 1), where the ring-shaped surge protective element is configured to surround and to not make physical contact with an input pin 28; and maintaining an air gap of predetermined size between the surge protective element and the input pin. Holland does not disclose the surge protective element electrically connected to the body portion. This limitation, in combination with the other recited elements, is not disclosed by the Prior Art of Record. Claims 7, and 12-14 depend on Claim 6.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lucy Thomas whose telephone number is 571-272-6002. The examiner can normally be reached on Monday - Friday 8:00 AM - 4:30 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Sircus can be reached on 571-272-2058. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LT
April 21, 2006


5/1/06

PHUONG T. VU
PRIMARY EXAMINER